

## **RAW SEQUENCE LISTING**

**The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) no errors detected.**

Application Serial Number: 10/578,561  
Source: JFWP  
Date Processed by STIC: 05/17/2006

***ENTERED***



IFWP

**RAW SEQUENCE LISTING** DATE: 05/17/2006  
 PATENT APPLICATION: US/10/578,561 TIME: 10:13:43

Input Set : A:\12610-020US1.txt  
 Output Set: N:\CRF4\05172006\J578561.raw

```

4 <110> APPLICANT: Federoff, Howard J.
5           Bowers, William J.
7 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR TREATING
8           NEUROLOGICAL DISEASES
10 <130> FILE REFERENCE: 12610-020US1
C--> 12 <140> CURRENT APPLICATION NUMBER: US/10/578,561
C--> 12 <141> CURRENT FILING DATE: 2006-05-04
12 <150> PRIOR APPLICATION NUMBER: PCT/US2004/037511
13 <151> PRIOR FILING DATE: 2004-11-08
15 <150> PRIOR APPLICATION NUMBER: US 60/518,474
16 <151> PRIOR FILING DATE: 2003-11-07
18 <160> NUMBER OF SEQ ID NOS: 25
20 <170> SOFTWARE: FastSEQ for Windows Version 4.0
22 <210> SEQ ID NO: 1
23 <211> LENGTH: 42
24 <212> TYPE: PRT
25 <213> ORGANISM: Homo sapiens
27 <400> SEQUENCE: 1
28 Asp Ala Glu Phe Arg His Asp Ser Gly Tyr Glu Val His His Gln Lys
29   1           5           10          15
30 Leu Val Phe Phe Ala Glu Asp Val Gly Ser Asn Lys Gly Ala Ile Ile
31   20          25          30
32 Gly Leu Met Val Gly Gly Val Val Ile Ala
33   35          40
36 <210> SEQ ID NO: 2
37 <211> LENGTH: 42
38 <212> TYPE: DNA
39 <213> ORGANISM: Artificial Sequence
41 <220> FEATURE:
42 <223> OTHER INFORMATION: Primer
44 <400> SEQUENCE: 2
45 cccgaagctt accatggatg cagaattccg acatgactca gg          42
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 36
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Primer
55 <400> SEQUENCE: 3
56 gcgggatcca aaaatctgga ttgttggtt gataat          36
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 38
60 <212> TYPE: DNA

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61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Primer
66 <400> SEQUENCE: 4
67 cgactgagct cttaatcatt tgtccatcct tcatactgt 38
69 <210> SEQ ID NO: 5
70 <211> LENGTH: 17
71 <212> TYPE: DNA
72 <213> ORGANISM: Artificial Sequence
74 <220> FEATURE:
75 <223> OTHER INFORMATION: Primer
77 <400> SEQUENCE: 5
78 actggcatgg ccttcccg 17
80 <210> SEQ ID NO: 6
81 <211> LENGTH: 18
82 <212> TYPE: DNA
83 <213> ORGANISM: Artificial Sequence
85 <220> FEATURE:
86 <223> OTHER INFORMATION: Primer
88 <400> SEQUENCE: 6
89 caggcggcac gtcagatc 18
91 <210> SEQ ID NO: 7
92 <211> LENGTH: 25
93 <212> TYPE: DNA
94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
97 <223> OTHER INFORMATION: GAPDH probe sequence
99 <400> SEQUENCE: 7
100 ttcctacccc caatgtgtcc gtcgt 25
102 <210> SEQ ID NO: 8
103 <211> LENGTH: 20
104 <212> TYPE: DNA
105 <213> ORGANISM: Artificial Sequence
107 <220> FEATURE:
108 <223> OTHER INFORMATION: Primer
110 <400> SEQUENCE: 8
111 cctggagcag ctgaatggaa 20
113 <210> SEQ ID NO: 9
114 <211> LENGTH: 22
115 <212> TYPE: DNA
116 <213> ORGANISM: Artificial Sequence
118 <220> FEATURE:
119 <223> OTHER INFORMATION: Primer
121 <400> SEQUENCE: 9
122 ccgtcatctc catagggatc tt 22
124 <210> SEQ ID NO: 10
125 <211> LENGTH: 26
126 <212> TYPE: DNA
127 <213> ORGANISM: Artificial Sequence

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129 <220> FEATURE:
130 <223> OTHER INFORMATION: IFN-b probe sequence
132 <400> SEQUENCE: 10
133 tcaaacctcac ctacagggcg gacttc 26
135 <210> SEQ ID NO: 11
136 <211> LENGTH: 23
137 <212> TYPE: DNA
138 <213> ORGANISM: Artificial Sequence
140 <220> FEATURE:
141 <223> OTHER INFORMATION: Primer
143 <400> SEQUENCE: 11
144 tgaacgctac acactgcata ttg 23
146 <210> SEQ ID NO: 12
147 <211> LENGTH: 28
148 <212> TYPE: DNA
149 <213> ORGANISM: Artificial Sequence
151 <220> FEATURE:
152 <223> OTHER INFORMATION: Primer
154 <400> SEQUENCE: 12
155 gttattcaga ctttcttaggc tttcaatg 28
157 <210> SEQ ID NO: 13
158 <211> LENGTH: 27
159 <212> TYPE: DNA
160 <213> ORGANISM: Artificial Sequence
162 <220> FEATURE:
163 <223> OTHER INFORMATION: IFN-g probe sequence
165 <400> SEQUENCE: 13
166 ttgcagctc ttcctcatgg ctgtttc 27
168 <210> SEQ ID NO: 14
169 <211> LENGTH: 23
170 <212> TYPE: DNA
171 <213> ORGANISM: Artificial Sequence
173 <220> FEATURE:
174 <223> OTHER INFORMATION: Primer
176 <400> SEQUENCE: 14
177 ctgcaagaga cttccatcca gtt 23
179 <210> SEQ ID NO: 15
180 <211> LENGTH: 20
181 <212> TYPE: DNA
182 <213> ORGANISM: Artificial Sequence
184 <220> FEATURE:
185 <223> OTHER INFORMATION: Primer
187 <400> SEQUENCE: 15
188 aagttagggaa ggccgtggtt 20
190 <210> SEQ ID NO: 16
191 <211> LENGTH: 26
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:

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196 <223> OTHER INFORMATION: IL-6 probe sequence
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199 ccttcttggg actgatgctg gtgaca 26
201 <210> SEQ ID NO: 17
202 <211> LENGTH: 23
203 <212> TYPE: DNA
204 <213> ORGANISM: Artificial Sequence
206 <220> FEATURE:
207 <223> OTHER INFORMATION: Primer
209 <400> SEQUENCE: 17
210 caagaacatc caagcttgag tgt 23
212 <210> SEQ ID NO: 18
213 <211> LENGTH: 20
214 <212> TYPE: DNA
215 <213> ORGANISM: Artificial Sequence
217 <220> FEATURE:
218 <223> OTHER INFORMATION: Primer
220 <400> SEQUENCE: 18
221 ttttgaccgc ccttgagagt 20
223 <210> SEQ ID NO: 19
224 <211> LENGTH: 25
225 <212> TYPE: DNA
226 <213> ORGANISM: Artificial Sequence
228 <220> FEATURE:
229 <223> OTHER INFORMATION: MIP2 probe sequence
231 <400> SEQUENCE: 19
232 cccactgcgc ccagacagaa gtcgt 25
234 <210> SEQ ID NO: 20
235 <211> LENGTH: 18
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Primer
242 <400> SEQUENCE: 20
243 tcaggcggt gccttatgt 18
245 <210> SEQ ID NO: 21
246 <211> LENGTH: 21
247 <212> TYPE: DNA
248 <213> ORGANISM: Artificial Sequence
250 <220> FEATURE:
251 <223> OTHER INFORMATION: Primer
253 <400> SEQUENCE: 21
254 cgatcacccc gaagtcagt a 21
256 <210> SEQ ID NO: 22
257 <211> LENGTH: 27
258 <212> TYPE: DNA
259 <213> ORGANISM: Artificial Sequence
261 <220> FEATURE:
262 <223> OTHER INFORMATION: TNF-a probe sequence

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## RAW SEQUENCE LISTING

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Input Set : A:\12610-020US1.txt

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264 <400> SEQUENCE: 22  
265 cagcctttc tcattcctgc ttgtggc 27  
267 <210> SEQ ID NO: 23  
268 <211> LENGTH: 20  
269 <212> TYPE: DNA  
270 <213> ORGANISM: Artificial Sequence  
272 <220> FEATURE:  
273 <223> OTHER INFORMATION: Primer  
275 <400> SEQUENCE: 23  
276 ttcctcccaa taccccttcc 20  
278 <210> SEQ ID NO: 24  
279 <211> LENGTH: 23  
280 <212> TYPE: DNA  
281 <213> ORGANISM: Artificial Sequence  
283 <220> FEATURE:  
284 <223> OTHER INFORMATION: Primer  
286 <400> SEQUENCE: 24  
287 tgaagtcccg gatacacaga ctt 23  
289 <210> SEQ ID NO: 25  
290 <211> LENGTH: 23  
291 <212> TYPE: DNA  
292 <213> ORGANISM: Artificial Sequence  
294 <220> FEATURE:  
295 <223> OTHER INFORMATION: TNF-b probe  
297 <400> SEQUENCE: 25  
298 tgtgcctctc ctcagtgcgc aga 23

**VERIFICATION SUMMARY**

PATENT APPLICATION: US/10/578,561

DATE: 05/17/2006

TIME: 10:13:44

Input Set : A:\12610-020US1.txt

Output Set: N:\CRF4\05172006\J578561.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No

L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date